**Assessment No: 1**

**Basic R Programming**

1. Print “Hello World”
2. Input a number from prompt
3. Input two vectors and perform following operations
   1. Arithmetic Operators (+, -, \*, /, %%, %/%, ^)
   2. Relational Operators (<, >, <=, >=, ==, !=)
   3. Logical Operators (&, |, !, &&, ||, )
   4. Assignment Operators (left assignment, right assignment)
   5. Miscellaneous Operators (:, %in%, , %\*%)
4. Read a number and check whether it is odd or even (if…else)
5. Read the mark of a student and print his /her grade (if…else…if)
6. Design an arithmetic calculator (switch)
7. Find the factorial of a number (for)
8. Check the number is Armstrong number (while)
9. Print natural numbers till their sum reaches 100 (repeat)
10. Familiarize the use of **break** and **next** using sample code